DOCUMENT RESUME

ED 145 618 **EC 102 560**

AUTHOR	Pokorni, Judith, Comp.; Wujcik, Anne, Comp.
TITLE	Developmental Scale. Zero to Six Years.
INSTITUTION	Maryland Univ., College Park. Head Start Regional Resource and Training Center.
SPONS AGENCY	Department of Health, Education, and Welfare, Washington, D.C.
PUB DATE	77
CONTRACT	HEW-ASD-3-77
GRANT	HEW-H-3006
NOTE	35p.; For related information, see EC 102 558-562
AVAILABLE FROM	Head Start Resource and Training Center, 4321 Hartwick Road, Room L-220, College Park, Maryland 20740 ($1.50) Send checks payable to: The University of Maryland
EDRS PRICE	MF-$0.83 HC-$2.06 Plus Postage.
DESCRIPTORS	*Child Development; Cognitive Development; *Developmental Stages; *Early Childhood Education; Expressive Language; Eye Hand Coordination; Handicapped Children; Infancy; Language Development; Motor Development; Receptive Language; Self Care Skills; Social Development

ABSTRACT

Developmental behaviors are listed for children from birth to 6 years for gross motor, fine motor, self help, expressive and receptive language, psycho/social, and cognitive skills. Skills are broken down into 6-month intervals for the first year, and 1-year intervals from age 1 to 6. (CL)

****
* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *
****

U S DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

Compiled by:

JUDITH POKORNI
Mental Health/Services to Handicapped
Specialist

ANNE WUJCIK
Consultant

SPRING, 1977

DEVELOPMENTAL SCALE

ZERO TO SIX YEARS

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

Judith Pokorni

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

HEAD START RESOURCE AND TRAINING CENTER

Mental Health/Services to Handicapped Component

Conferences and Institutes Division

University of Maryland University College

Additional Copies Available @ $1.50 per copy

Send checks payable to: THE UNIVERSITY OF MARYLAND

Head Start Resource and Training Center
4321 Hartwick Road, Room L-220
College Park, MD 20740

Developed under Grant Number: HEW-H-3006 and Contract Number: HEW-ASD-3-77

ZERO - SIX MONTHS

GROSS MOTOR

- Lifts head at shoulder when held
- Makes lateral head movements
- Makes crawling movements when prone
- Turns from side to back
- Holds head predominantly erect when held sitting
- Rolls over
- Lifts foot when held standing
- Pulls to sit--no head lag
- Turns from back to side
- Sits without support
- Stands holding on

FINE MOTOR

- Retains ring when placed in hand
- Holds hands in fist
- Reaches for dangling object
- Watches movement of own hands
- Grasps rattle
- Recovers rattle from chest
- Picks up cube
- Bangs in play
- Takes objects
- Lifts cup with handle

SELF-HELP

- Picks up spoon
- Lifts cups with handle
- Feeds self cracker

LANGUAGE

EXPRESSIVE:

- Begins to vocalize sounds, e.g. cooing
- Differentiates vocalizations to signify pleasure
- Anticipates sight of food with vocalization
- Babbles a series of syllable repetitions
- Vocalizes displeasure, other crying
- Babbles to self in mirror, chuckles

RECEPTIVE:

- Shows startle reflex to sudden noises
- Has strong cry
- Attends to person speaking
- Has meaningful smile
- Laughs aloud
- Localizes source of sound
- Turns to speaking voice
- Responds to people playing with him

PSYCHO/SOCIAL

- Shows sucking reflex
- Regards faces
- Smiles spontaneously
- Laughs aloud
- Recognizes bottle
- Discriminates strangers
- Plays peek-a-boo

COGNITIVE

- Responds to sound of rattle
- Responds to sudden voices
- Shows awareness of changing situations
- Reaches for familiar persons
- Reacts to sight of toy
- Discriminates strangers
- Turns head to look for dropped spoon
- Plays peek-a-boo

SIX MONTHS - TWELVE MONTHS

GROSS MOTOR

- Creeps
- Pulls self to stand
- Walks with assistance
- Stands alone well
- Attains sitting position unaided
- Crawls rapidly on all fours
- Turns over
- Walks alone

FINE MOTOR

- Transfers cube from hand to hand
- Grasps string
- Pulls out peg
- Shakes bell
- Bangs spoon
- Releases grasped objects
- Has neat pincer grasp
- Removes cube from cup in imitation
- Holds crayon
- Pushes car
- Puts one or more cubes in cup
- Marks with pencil
- Recovers cube concealed by cup

SELF-HELP

- Holds, bites and chews biscuit
- Drinks from cup when held (some spilling)
- Finger-feeds self for part of meal
- Fusses to be changed
- Enjoys taking off hat, shoes, pants

LANGUAGE

EXPRESSIVE:

- Imitates a variety of sounds (animals, clock)
- Begins to use first meaningful words
- Babbles monologue when alone (jargon)
- Waves bye-bye
- Shakes head for "no"
- Says "mama" or "dada"
- Has vocabulary of two words other than mama or dada
- Indicates wants

RECEPTIVE:

- Vocalizes to image in mirror
- Follows simple directions
- Understands gestures
- Listens to words with understanding
- Responds to music
- Repeats performances that are laughed at
- Responds to name
- Understands "no"
- Recognizes names of familiar persons and objects
- Recognizes voices of favorite people

PSYCHO/SOCIAL

- Looks at self in mirror
- Smiles, vocalizes and pats mirror
- Shows initial shyness with strangers
- Responds to facial expressions
- Plays simple nursery games
- Begins to amuse self for 15 minutes at a time

COGNITIVE

- Uncovers hidden toy from beneath cup, etc.
- Rings bell purposely
- Responds to name
- Plays pat-a-cake
- Waves bye-bye
- Responds to "no-no"
- Looks at pictures in book
- Squeezes doll to make squeak
- Looks in correct place for toy which rolls out of sight

ONE YEAR (12 to 24 mos.)

GROSS MOTOR

- Throws ball
- Walks sideways
- Walks backwards
- Lets himself down from standing to sitting
- Stoops to pick up toys from floor
- Creeps backward downstairs
- Picks up toy from floor without falling
- Pushes and pulls large toys, boxes, etc. around floor
- Carries large teddy bear of doll while walking
- Throws ball overhand
- Walks down stairs (hand held)
- Gets down from adult chair, without assistance
- Seats self in child's chair
- Kicks large ball
- Begins to run
- Jumps in place

FINE MOTOR

- Dumps, lugs, pulls and pounds
- Turns pages of book 2 or 3 at a time
- Turns knob (radio)
- Throws small rubber ball
- Folds paper once imitatively
- Scribbles spontaneously
- Puts cubes in and out of containers

SELF-HELP

- Holds spoon, brings to mouth, lick it
- Has more regular bowel movements
- Uses spoon, spilling little
- Drinks from cup
- Remembers where objects belong
- Unzips zipper
- Indicates desires by gesturing and utterances
- Picks up toys and puts them away
- Lifts and holds cup between hands
- Unwraps candy
- Masticates food
- Pulls off socks
- Offers passive cooperation when being dressed
- Discriminates edible substances

LANGUAGE

EXPRESSIVE:

- Has speaking vocabulary of ten words
- Asks for wants by naming (cookie, milk)
- Uses 2-word phrases; short sentences (noun/verb or noun/adjective)
- Uses jargon conversationally
- Begins to eliminate jargon
- Uses nouns predominantly;also verbs and pronouns (I, me, you, my, mine)
- Uses sentences of 2-3 words
- Verbalizes immediate experiences
- Names 3 or more pictures
- Refers to self by name
- Has expressive vocabulary of 50 or more words
- Uses negative (not go, not do)
- Attempts to sing
- Imitates words

RECEPTIVE:

- Understands simple questions
- Points to at least 3 body parts on self
- Gives several common objects on request
- Listens to rhymes and songs for 2-3 mins.
- Identifies one or more body parts on a doll
- Follows a series of related commands (with ball)
- Responds to "Show me a __"(dog,man,hat)
- Points to five body parts on doll
- Recognizes the names of 5-10 pictures
- Enjoys simple stories
- Beginning to match 2 like objects or simple pictures

PSYCHO/SOCIAL

- Reaches for familiar persons
- Varies moods according to emotional reaction of others
- Imitates housework
- Engages in solitary play-aware of other children
- Picks up and puts away toys
- Goes about house alone causing little concern
- Helps with simple household tasks
- Demands personal attention
- Imitates simple actions
- Plays contentedly alone if near adults
- Engages in parallel play predominantly
- Initiates own play activities

COGNITIVE

- Imitates putting objects in box
- Understands and follows simple commands
- Points to one named body part
- Attains toy with stick
- Labels one object on presentation
- Follows one step direction
- Points to three body parts (hair, eyes, nose)
- Identifies pictures in book (Find ball)
- Points to parts of doll on request
- Follows three directions with ball
- Gives named object on request (selects from several choices)

TWO YEARS -(24 to 36 mos.)

GROSS MOTOR

- Walks
- Walks on tiptoe
- Walks on line
- Walks up and down stairs alone without alternating feet (2 feet per tread)
- Runs with little falling
- Runs on toes
- Runs headlong cannot slow down or turn sharp corners
- Alternates quickly between sitting and standing
- Jumps on both feet
- Begins to master slide and swing

FINE MOTOR

- Turns pages book singly
- Strings large beads
- Holds crayon with fingers, not fist
- Makes tiny marks with crayon
- Snips with scissors
- Fills and empties container
- Builds tower with 5 to 8 blocks
- Imitates horizontal and circular motion with crayon
- Paints using some wrist action
- Likes little things and things that work

SELF-HELP

- Pulls on simple garments
- Pulls on socks
- Helps dress and undress self
- Feeds self without turning spoon upside down
- Drinks from cup without spilling
- Washes and dries own hands
- Eats with fork
- Helps put things away
- Buttons
- Dresses with supervision
- Puts on coat or dress unassisted
- Indicates toilet needs
- Sucks from plastic straw

LANGUAGE

EXPRESSIVE:

- Has vocabulary of 300-800 words
- Tries to sing
- Repeats 3 digits
- Repeats a 6 syllable sentence
- Holds up fingers to signify age
- Counts to 3
- Describes use of simple objects
- Uses adverbs and prepositions of location (here, there, to, in, on)
- Uses auxilary of "he" (he is going)
- Uses contractions (its, don't, can't)
- Verbalizes toilet needs
- Soliloquizes about immediate experience
- Uses great deal of verbal command e.g. I want
- Describes non-present situations verbally
- Gives full name
- Tells about somethin with functional sentences (Me go store)
- Answers where questions
- Forms a question
- Uses words of quantity(more,some,all)

RECEPTIVE:

- Points to 2-pictures when named
- Identifies objects and pictures by use(10)
- Has a concept of "one"
- Points to at least 6 body parts
- Distinguishes between in, under, behind
- Identifies "long" from a series of long and short sticks
- Identifies big and little blocks
- Identifies action in pictures
- Begins to match some colors

PSYCHO/SOCIAL

- Engages in parallel or solitary play
- Pays attention to other children
- Does not share
- Imitates domestic chores
- Helps put things away
- Expresses emotions massively-dancing, clapping
- Enjoys action toys
- Begins to fit into family routines of dressing, feeding, toileting
- Shows sense of ownership - "It's mine"
- Shows joy and pride in products
- Becomes angry when frustrated
- Has periods of upheaval

COGNITIVE

- Joins in nursery rhymes and songs
- Names familiar picture cards
- Comprehends "another"
- Matches familiar objects
- Groups similar objects
- Responds correctly to 2 or 3 requests (1) Give me___, (2) Put__ in the__. (3) Put __ on the the ___.
- Shows and imitates names for hair , hands, feet, nose, eyes, mouth, shoes
- Sings phrases of songs
- Answers correctly "What do you hear with?"
- Associates use with objects
- Enjoys simple stories read from picture book
- Gives use of object
- Recognizes himself when shown pictures
- Repeats 2 digits
- Understands concept of one
- Listens to musical instruments, including record player
- Participates in storytelling (with words or phrases)
- Labels mud and clay products as "cake" and "pie" etc.

THREE YEARS (36 to 48 mos.)

GROSS MOTOR

- Walks in and on a line
- Walks backward
- Walks upstairs alternating feet
- Runs well
- Stands on one foot with only momentary balance
- Stands on one foot for five seconds
- Jumps over rope eight inches high
- Rides tricycle-steering and using pedals
- Throws ball underhand
- Makes standing jump
- Opens doors
- Throws ball overhand without losing balance
- Hops in place
- Catches ball bounced to him

FINE MOTOR

- Cuts with scissors not necessarily constructively
- Paints with rhythmical strokes
- Traces cross and diamond
- Builds with Lego, Tinkertoys, etc.
- Copies circles
- Manipulates tiny objects with ease
- Draws spontaneously
- Builds tower of 6-9 blocks
- At 3 1/2 has period of in-coordination: stumbling, falling, fear of heights, shirt in handedness
- Imitates building bridges with cubes
- Places pegs in board
- Manipulates clay: rolls, balls, snakes, etc.

SELF-HELP

- Feed self without help, little spilling
- Pours well from small pitcher
- Unlaces and takes off shoes
- Puts on shoes not always on correct feet
- Puts on and takes off coat, dress, or pants
- Unzips clothing
- Unbuttons accessible clothing
- Dresses without supervision
- Assumes responsibility for toilet needs
- Washes and dries face
- Gets drink of water unassisted
- Wipes up spilled liquids
- Shows caution about common dangers, such as unprotected places, strange animals, sharp edges, etc.

LANGUAGE

EXPRESSIVE:

- Uses 6 word sentences
- Has vocabulary of 900-1500 words
- Counts to 5 serially
- Repeats 3 or 5 nonsense syllables
- Names 3 familiar objects in succession
- Uses adjectives in describing pictures
- Forms plural nouns by adding s or es
- Uses reflexive pronouns(I cut myself)
- Repeats nursery rhymes
- Asks questions to which he knows answers
- Tells a simple story
- Speaks in complete and intelligible simple sentences
- Whispers
- Increases volume
- Knows sex, age
- Begins to use grammatically correct sentences
- Asks many questions beginning what, where, who

RECEPTIVE:

- Follows a 2 stage command
- Gives appropriate reply to: What do you do when you're cold, tired, hungry?
- Answers "If..what?" questions
- Points to primary colors
- Has concept of two or three
- Points out longer of two lines
- Begins to carry out 3 stage commands
- Responds to questions:
  - Is it night time?
  - Did you have candy for breakfast?
  - Do you have more legs than a dog?
- Responds to verbal limits and directions
- Listens eagerly to story-wants favorites over and over

PSYCHO/SOCIAL

- Decreases amount of parallel play
- Engages in associative play
- Begins to share
- Tries to please
- Waits his turn
- Has occasional brief outbursts
- Is apt to be fearful
  i.e. nightmares
- Has imaginary playmates based on magical thinking
- Shows conscious identification with parents
- Begins observable expressions about self
- Engages in open masturbation as an expression of instinct development
- Begins dramatic play

COGNITIVE

- Knows sex of self
- Matches two or three primary colors to like color visually
- Points to tongue, neck, arm, knee, thumb
- Tells action in pictures
- Names one pitcured animal from memory
- Counts two blocks and tells how many
- Puts together multiple piece puzzle
- Shows appreciation of past and present
- Comprehends three prepositions (on top of, under, inside)
- Finds pictures of animals that are like (lotto)
- Can give sensible answer to "Why do we have stoves?" etc.
- Shows great curiosity. Asks endless questions.
- Recalls and repeats simple nursery rhymes and jingles
- Knows concepts of big/little; fast/slow; up/down

FOUR YEARS (48 to 60 mos.)

GROSS MOTOR

- Catches ball in arms
- Descends and ascends stairs with alternating feet
- Hops on right foot
- Hops on left foot
- Hops on both feet
- Does simple jigs and dances
- Performs motor stunts; stands on one leg for several seconds. Walks full length on balance beam.

FINE MOTOR

- Has established hand dominance
- Has established pincer grasp
- Uses scissors and attempts to cut on straight line
- Copies a square and a cross from example
- Prints on page at random
- Attempts to print own name
- Makes and names recognizable pictures

SELF-HELP

- Dresses self but can not tie
- Laces shoes with difficulty
- Brushes teeth
- Washes hands and face
- Hangs clothes with appropriate equipment
- Serves and feeds self
- Sets table
- Rests or has quiet hour at naptime
- Goes about neighborhood unattended

LANGUAGE

EXPRESSIVE:

- Has vocabulary of 2,000 or more words
- Names 5 colors
- Gives age
- Defines pencil, spoon, car, in terms of use
- Repeats a sentence of 10 syllables
- Counts to 10 serially
- Uses all parts of speech correctly
- Produces and uses all consonant sounds
- Corrects own errors in learning to pronounce new words
- Describes activities
- Asks many What? How? questions
- Tells long stories-often confuses fact and fantasy

RECEPTIVE:

- Follows 3 stage commands
- Has number concept of three and four
- Listens eagerly to stories
- Follows directions; on, under, in front of, behind

PSYCHO/SOCIAL

- Begins cooperative play
- Has imaginary companions
- Has clear understanding of day's schedule
- Shows more aggression
- Shows more resistance to authority
- Boasts about family and self to other children
- Shows importance of mastery by task completion
- Prefers peers to adults
- Has "special friend"
- Verbalizes fears
- Uses play materials constructively-combines materials
- Separates from mother easily
- Plays dressup
- Plays competitive exercise games

COGNITIVE

- "Reads" story from pictures
- Continues to assemble increasingly difficult puzzles
- Names materials objects are made of
- Knows day, night-beginning sense of time
- Compares three pictures (which one is prettier)
- Tells pictorial likenesses and differences
- Follows three commands in proper order
- Counts four objects and answers how many
- Selects heavier weight
- Makes opposite analogies
- Matches and names all primary colors
- Matches and names shapes
- Identifies several capital letters
- Recognizes name in print

FIVE YEARS (60 to 72 mos.)

GROSS MOTOR

- Balances on tiptoe
- Stands on one foot indefinitely
- Skips smoothly
- Skips rope rhythmically
- Catches ball with hands
- Rides bike with guard wheels
- Uses roller skates
- Covers 2-3 yards hopping

FINE MOTOR

- Grasps and releases objects easily and directly
- Colors within lines
- Draws within small area
- Cuts on line
- Has well-established handedness
- Copies circle, square and triangle
- Traces diamond
- Prints some numbers
- Prints first name

SELF-HELP

- Dresses himself
- Laces shoes easily
- Shows carelessness about clothing
- Takes pride in certain personal possessions
- Buttons clothing
- Spreads with knife with partial success
- Crosses street safely

LANGUAGE

EXPRESSIVE:

- Has vocabulary of 2500 plus words
- Gives home address, names and ages of siblings
- Gives own age, not months of birthday
- Seeks information
- Repeats days of the week by rote
- Asks meaning of abstract words

RECEPTIVE:

- Listens briefly to what others say
- Loves to be read to
- Understands 6000 words
- Categorizes
- Uses reasonably accurate grammar

PSYCHO/SOCIAL

- Enjoys small (2-5) group play
- Shows concern with self, not group
- Shows social conformity
- Engages in noisy play
- Uses time sequence in play situation
- Protects younger playmates
- Begins to enjoy humourous stories and slap-stick humor
- Knows when certain events occur
- Likes to complete what he begins
- Puts toys away in orderly fashion
- Accepts adult help and supervision
- Likes to be with family
- Shows self-assurance
- Shows serious and businness-like manner
- Wants to help and be good
- Shows more consciousness of body, wants privacy
- Understands need for rules and fair play
- Fears thunder, Mom going away and not returning, and scary animals

COGNITIVE

- Appreciates past, present and future
- Defines 6 words
- Counts six objects when asked "How many?"
- Matches 10 or 12 objects
- Gives home address
- Knows source of 15 of 20 actions ("What bounces?")
- Acts out stories
- Gives age
- Forms rectangle of two triangular cards
- Judges weights
- Knows names of following coins: dime, penny, nickel
- Learns left from right
- Begins to make generalizations

SIX YEARS (72 to 84 mos.)

GROSS MOTOR

- Displays constant motion; very active
- Is apt to tire easily
- Displays smooth movements, easy and economical
- Has advanced throwing skills
- Engages in purposeful activity
- Stands on one foot with eyes closed
- Displays good balance and rhythm
- Rides junior bicycle

FINE MOTOR

- Ties bow-knot
- Copies diamond
- Makes simple, recognizable drawings
- Prints most letters of alphabet
- Shows some awkwardness in performing fine motor tasks

SELF-HELP

- Combs and brushes hair
- Brushes teeth
- Uses knife for spreading
- Cuts with knife
- Goes to bed unassisted but enjoys a "goodnight" chat

LANGUAGE

EXPRESSIVE:

- Uses increasingly symbolic language
- Likes to use big words, increasing in size and complexity
- Exaggerates a good deal
- Sentences convey real meaning

RECEPTIVE:

- Uses picture dictionary
- Has some understanding of abstract concepts
- Defines and explains words
- Anticipates closure in speech of others
- Uses compound and complex sentences
- Uses language complainingly

PSYCHO/SOCIAL

- Dawdles in routines
- Is keenly competitive, less cooperative than at five years
- Is highly emotional, explosive
- Is easily excitable
- Is silly
- Shows off
- Is jealous of others
- Shows inconsistency of maturity level
- Has difficulty making decisions
- Plays simple tablegames: Marbles, Parchesi, Dominoes

COGNITIVE

- Names all colors
- Tells which is bigger when asked "Which is bigger, a cat or a mouse?"
- Tells what number follows
- Knows values of coins
- Tells how a crayon and a pencil are the same and how they are different
- Understands numbers up to ten
- Tells similarities or differences among several pictures
- Begins to distinguish right and left on self but not on others
- Tells what things one does in each season
- Understands time interval differences
- Is capable of solving simple problems